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Environmental Science Services Admn.
Weather Bureau

Nebraska Department of Agriculture
Division of Agr'l. Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 6/1/70

Week Ending 6/1/70

WEATHER Temperatures for the past week averaged near normal in western Nebraska and from three to five degrees above normal in the east. Widely scattered showers early in the week developed into state-wide showers from Thursday through the week end. The showers early in the week were light, but many stations reported receiving from one to three inches over the week end. Small hail fell with some of the heavier showers.

CROPS Soil moisture conditions are much improved with most areas now adequate. The rains were quite beneficial to the wheat crop which is making rapid plant development. The crop condition is mostly good to excellent and has started to head in the southern Panhandle. Wheat fields having rank growth were lodging where heavier amounts of precipitation fell. The hail caused some damage in local areas.

Corn planting is nearing completion but crusting and cutworms in a few eastern areas caused a limited amount of replanting. Emerged fields are making good growth and farmers have started cultivating.

About 85 percent of the sorghums are planted compared to the five-year average of 67 percent. Much of the remaining acreage to be planted is forage type sorghums. Emerged fields are responding well to warm temperatures and moisture.

Soybean planting is nearly 80 percent complete and compares to the average of 60 percent. Most fields are emerging to good stands. The locally heavy rains caused erosion and silting in newly planted fields and may cause some replanting.

Sugar beets are progressing well, and thinning operations are under way. Potato planting is nearing completion and farmers have started planting dry beans in the west. Hay conditions are improved in most areas and alfalfa is being cut for hay and dehydration. Some downed hay was rained on before baling.

LIVESTOCK Livestock conditions are generally good but feed lots are muddy. Pasture and range feed conditions are average and are providing adequate forage for grazing.

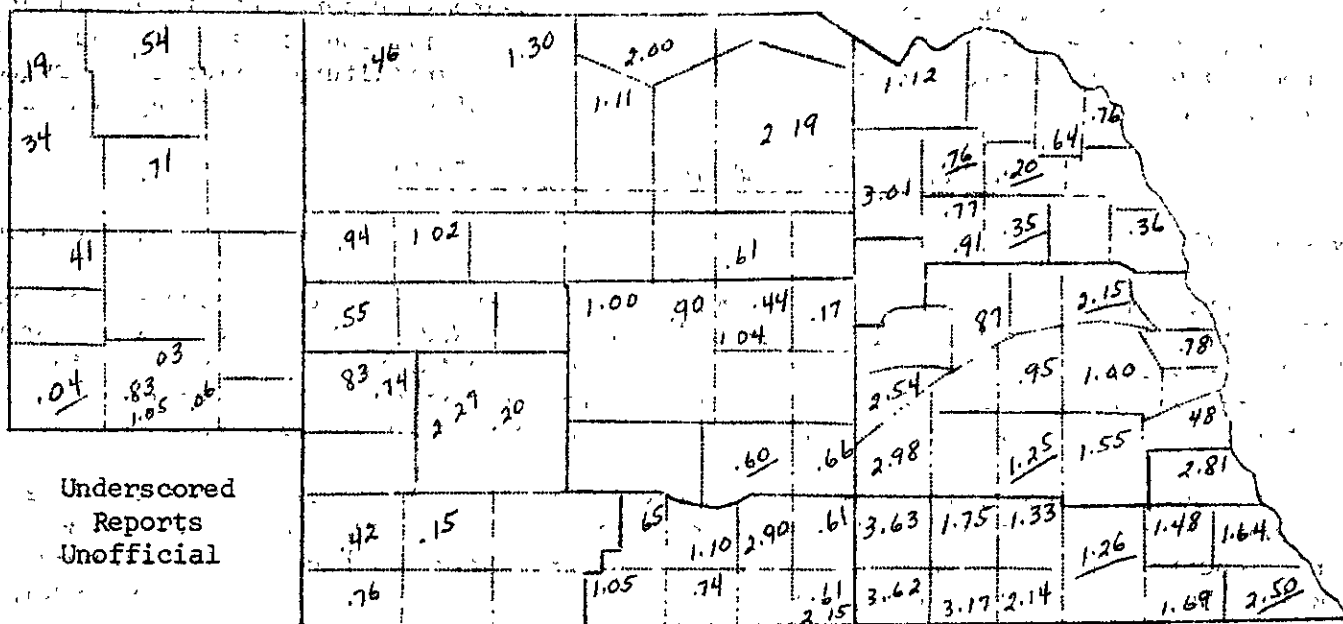
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING MAY 31, 1970

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	1.08	Burwell	.33	Chadron	.73
Lincoln	.92	North Platte	.58	Imperial	.54
Norfolk	2.33	Valentine	.86	Scottsbluff	.91
Omaha	.51			Sidney	.35
Sioux City	1.53				

Precipitation, April 1 - May 29, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.51	1.20	1.00	.67	1.41	.71	1.14	2.26
Total since April 1	4.10	5.06	5.22	3.62	4.98	2.62	4.30	6.26
Normal since April 1	4.56	5.13	5.70	5.48	5.81	4.88	5.49	6.30

PRECIPITATION MAP FOR WEEK ENDING MAY 29, 1970



HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.;
Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		May		26th		27th		28th		29th		30th		31st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	73	40	87	45	78	52	74	40	81	51	81	49	53	40
	Scottsbluff	72	41	86	50	79	51	75	45	76	50	76	44	50	39
	Sidney	70	41	80	48	80	50	79	48	75	50	74	46	58	39
NC	Burwell	74	42	83	62	88	62	80	59	86	50	86	54	61	50
	Valentine	71	41	85	60	79	55	81	53	84	58	75	53	66	43
NE	Norfolk	75	44	80	62	88	62	78	62	83	55	83	58	65	52
	Sioux City	75	45	77	62	89	64	81	64	76	59	84	62	70	57
CEN	Grand Island	74	46	83	65	87	62	77	60	79	54	85	57	62	55
EC	Lincoln	75	51	83	67	84	64	78	64	81	61	86	63	71	60
	Omaha	73	52	76	64	86	61	79	62	80	61	85	60	71	58
SW	Imperial	74	49	87	59	87	54	78	50	78	50	83	52	65	47
	North Platte	73	41	84	51	88	53	78	55	85	51	77	54	65	49

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